

# The Tech

VOL. XXIV. No. 73.

BOSTON, MASS., MONDAY, APRIL 17, 1905.

PRICE THREE CENTS.

## THE SHOW.

### Synopsis of "The Chemical Maid." All Day Rehearsal.

The work so far on the show has been largely preliminary and has been devoted to familiarizing the men with their parts, steps and songs. This past week, under the direction of Mr. James Francis of New York, "business" has been introduced and the general form of the work has been directed toward perfecting the show as a whole. Mr. Francis has charge of the stage business in "The Filibuster," and his work at the last three rehearsals of "The Chemical Maid" has shown that he is indeed an able theatrical coach.

The scene of "The Chemical Maid" is laid in and about Fesalburg, Holland. The action opens upon a crowd of students from the University who are celebrating their holiday at the inn of an old German. The inn-keeper, Heinie, threatens to exterminate them all and the fun waxes full until the bailiff of the town puts a stop to it. He is about to arrest them all, when some seminary girls arrive upon the scene and intercede in their behalf. Good feeling is restored and the students make the most of their opportunities until the arrival of Sir Explode, a famous chemist.

Sir Explode performs a marvelous experiment, and a beautiful girl and a strange residue are the result. While the wonder at such a thing is at its height, news comes of a ship on the rocks. The townsfolk hurry off to save the crew and return with a sailor, Jack Tar, and a young American, Dick Allen.

Dick immediately falls prey to the charms of the Chemical Maid and is about to take possession of her simple affections, in a most matter-of-fact way, when he is arrested and hustled off to jail.

During the time elapsing between the morning and afternoon festivities, Jack Tar has sent for a United States war vessel, lying in a nearby port, and the whole town is alive with excitement and anxiously awaits the arrival of the vessel and sailors.

Immediately on its arrival Lieut. Carly, representing the U.S.A., demands Dick's release, which after some parley is granted.

The management wishes to announce that there will be an all day rehearsal at the Gym on April 19. It is imperative that every man in principals, chorus and ballet should be present promptly at 9.30 A.M. Luncheon will be served at the Union by the management.

## CLASS DAY.

### Work of Committee in Arranging Program.

At the fourth meeting of the 1905 Class Day Committee, which was held last Friday afternoon, the men to speak at the Class Day exercises were elected, and the following programme for the exercises was decided on:

President Motter's address. First Marshal Marcy's address. Statistician, E. B. Hill. Presentation of Gifts, R. Davis. Class Prophet, G. B. Jones, Orator, Norman Lombard. President Motter's address will be delivered at the unveiling of the Huntingtons' Hall Frieze.

### '06 vs. TECH STUDENT HOUSE.

The Junior Baseball Team had a slugging match with a team representing the Tech Student House at Technology Field Saturday afternoon. Although it was the Junior's game all the way, their opponents did some rapid work and truly deserved all the runs they got. During the first few innings the '06 players shut out the House Team and until the teams exchanged pitchers the score was all on one side. In the eighth inning the Junior pitcher was hit hard. The playing of the '06 team was very good and the Student House team did very well considering that they had not played together before. The score: '06, 21; Student House, 7.

### SHOW POSTER OUT TODAY.

The Tech Show poster will be on sale today, and every day from now on in Rogers Corridor. The poster is in three colors, and represents the "Chemical Maid" herself. The drawing is exceptionally fine, and as the number is positively limited copies should be secured at once.

A large number of applications for seats has been received and notice will be sent out when tickets are ready for distribution.

### APPEAL TO FRESHMEN.

Mr. Simpson, Manager of the Track Team, spoke to the Freshman last Saturday morning. He remarked especially on the lack of spirit in this year's class and called many important facts about athletics at the Institute to their notice. He urged the Class to have more entries in the Spring Meet and he impressed the fact that these men need the support of the entire class. Tickets for the meet will be on sale Monday, and '08 men should get them so that they may be as well represented as '07 on the shouting lines.

## GIFT TO LIBRARY.

### Valuable Books Added Through Generosity of Mrs. Gaffield.

A valuable collection of 207 volumes from the library of the late Thomas Gaffield has recently been given to the Institute by Mrs. Gaffield. The gift includes books on glass and glass-making, ceramics, decorative art, chemistry, physics, microscopy and mineralogy, besides many photographs.

Mr. Gaffield was a life member of the Society of Arts, and was a member of the Corporation of the Institute from 1896 to the time of his death in 1900. He was a prominent Boston glass manufacturer and gave much time to the study of the art of glass and glass-making; and for two years lectured to the students on the same subject. He also carried on researches upon the effect of light upon glass and upon the transparency of glass to actinic rays. His original essays are among the books given. This collection supplements an equally fine one given to the Institute by Mr. Gaffield some years ago and set apart in the Chemical Department as the "Gaffield Library."

### PENNSYLVANIA CLUB DINNER.

A dinner of the Pennsylvania Club, held last Thursday at the Union, was attended by some thirty members. The speakers for the evening were: President R. S. Beard, "The Good Times We Used to Have in Pennsylvania." Mr. H. V. O. Coes, "The Future of the Club." Mr. Kergan of Boston University, "Law in Pennsylvania."

Towards the end of the evening the following officers were elected for the ensuing year: President, C. H. Shapleigh; Vice-President, F. M. Fuller; Treasurer, F. G. Dempwolf; Secretary, R. J. Karch; Executive Committee, Messrs. R. G. Kann, Thompson, J. B. Sando.

### HARE AND HOUNDS.

The third hare and hound chase was held at Wakefield on Saturday, April 15, twenty-six men participating. An excellent trail of five and three-quarter miles was laid around Quannapoitt Park by C. H. Ruggles, '06, and A. E. Wiggin, '07. The hounds finished in the following order: 1st, E. H. Lorenz, '05; 2d, D. Adams, '06; 3d, P. J. Clapp, '06; 4th, E. H. Allen, '08; 5th, M. D. Hersey, '08; 6th, E. S. Campbell, '06. L. Allen, '07, and C. Yongerman, '07, were first at the bags. The time of the hares was fifty-five minutes and the hounds finished in one hour. The next run will be held on Saturday, April 29.

## CALENDAR.

### MONDAY, APRIL 17.

11.15 A.M. Course IV., Option 1 and Course XI. Excursion to Worcester.

3.00 P.M. Baseball. 1906 vs. 1908. Tech Field.

3.00 P.M. Baseball. 1907 vs. Volkman. Columbus Ave. Grounds.

4.00 P.M. Tech Show Rehearsal. Chorus. Principals. Ballet. Tech Union.

5.00 P.M. '07 Technique Board Meeting. 30 Rogers.

6.30 P.M. 1904 Class Dinner at Tech Union.

8.00 P.M. Fencing at B.A.A.

### TUESDAY, APRIL 18.

4.00 P.M. Tech Show Rehearsal. Principals. Tech Union.

6.30 P.M. '07 Class Dinner. Tech Union.

### WEDNESDAY, APRIL 19.

Exercises of the Institute suspended.

9.30 A.M. Tech Show Rehearsal. Chorus. Principals and Ballet. Gym.

10.00 A.M. Baseball. 1907 vs. Watertown High at Watertown.

10.00 A.M. Baseball. 1908 vs. Winchester High at Winchester.

3.00 P.M. Baseball. 1906 vs. Boston Y.M.C.U. Tech Field.

### THURSDAY, APRIL 20.

6.00 P.M. Connecticut Club Dinner. Tech Union.

### FRIDAY, APRIL 21.

6.00 P.M. Civic Club Dinner. Tech Union.

## NOTICES.

The exercises of the Institute will be suspended on Wednesday, April 19.

There will be a meeting of the '07 Technique Board Monday, April 17, at 5 P.M. in 30 Rogers.

The fencing meet between the Tech Freshmen and the Columbia Freshmen has been cancelled.

New England Championship for foils, dueling swords and sabers will be held at the B. A. A. tonight, at 8 P.M.

The Civic Club dinner which was postponed from Tuesday, April 11, will be held Friday evening April 21, at Tech Union.

All those wishing to attend the 1904 Class Dinner, April 17, 6.30 P.M. at Tech Union, will please leave their names at Cage for Class of 1904.

Men in Course IV, Option 1, and Course XI, will make an excursion today, April 17, 1905, to Worcester, to visit the city works there, used for the chemical treatment of sewage. Professor Porter and Mr. Thorndike will accompany the men. If the weather is unfavorable the excursion will be postponed. The party will leave Trinity Place Station at 11.15 A.M.

# The Tech

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In charge of this issue: W. RANNEY, 1906.

Monday, April 17, 1905.

WILLIAM A. NICHOLS, PRINTER, 208 SUMMER ST., REAR

That the Tech Union is a firmly established feature and convenience of our student life can be denied by none, and the belief of In Demand. our president, Dr. Pritchett, that such a meeting place, as the Union has grown to be, could be successfully conducted at Tech, has been decisively justified. Nevertheless few of us realize just how great is the demand for the use of the Union. Since the first of March there have been only some half dozen evenings when the rooms were not in use, and during the period from last Monday to Junior Week every date has been engaged.

## E. H. S. CLUB DINNER.

The English High School Club held its first dinner at the Union last Friday evening. The affair was a decided success. There were thirty-four men present, including Head-Master J. F. Casey, and Instructor A. P. Walker, of the English High School, Messrs. Bradley, Humphreys, Mahan and Sawyer, and four "future Tech athletes" from the High School. The Club has sixty-nine members, sixteen being members of the Institute's Instructing Staff.

Messrs. Casey, Walker, Sawyer, Humphreys, Bradley and Mahan spoke. Mr. Mahan said that he has found the English High athletes to be clean and honest, and good-natured both in victory and defeat. After the dinner the following in-

teresting and entertaining program was given:

Recitation, "Court Scene from Merchant of Venice," H. S. Wonson, '07; Piano Solo, L. J. Killion, '05; Clog Dancing, C. W. Coffin, '07; Banjo Solo, O. G. Fales, '07; Piano Solo, H. S. Wonson, '07; Banjo Duet, O. G. Fales, '07, and L. J. Killion, '05.

E. D. Boles, '07, acted as announcer, and always managed to tell a few stories between the acts. The evening closed with cheers for the two institutions represented.

## SHOW SCORE NOTICE.

All those who desire scores of "The Chemical Maid" should see some member of the management as once, as the edition will be limited to 500 copies. The price will be \$1 per copy.

The latest news from Dr. Tyler states that he is in good health and is enjoying his trip abroad.

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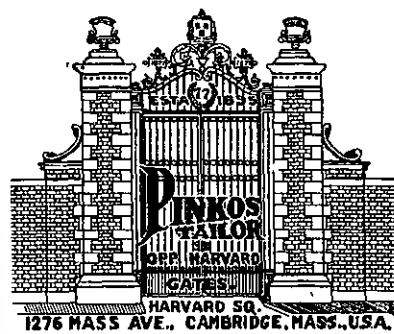
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Clough, L. (H. & V.), Air Filtration, with J. C. Baker.

Cole, S. L. (Mill.), Flow of Air against Back Pressure, with R. C. Cutting.

Cooper, E. B. (H. & V.), Test of a 500 K. W. Curtis Turbine, with P. G. Darling.

Cowdrey, I. H. (H. & V.), Investigation of the Ventilation and Heating of the Fitchburg H. S. Building.

Cutting, R. C. (Mar.), Flow of Air against Back Pressure, with S. L. Cole.

Darling, P. G. (Mill.), Test of a 500 K. W. Curtis Turbine, with E. B. Cooper.

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Flynn, J. H. (Mill.), Eff. Test of an SO<sub>2</sub> Waste Heat Engine, with J. W. Taylor.

Freeman, A. (Mill.), Determination of Heat Necessary to Prevent Freezing on Metallic Surfaces Alternately Exposed to Air and Water, with A. F. Belding.

Gage, C. E. (Mar.), Cp of Superheated Steam, with R. W. Morse.

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Harrah, E. (Mar.), Test of a Steam Ejector.

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Hinkley, P. E. (Loco.), Deflection of Locomotive Driver Springs.

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Jones, G. B. (Loco.), Tests of a

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Leh, H. M. (Loco.), A Study of Dynamometer Car Diagrams.

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Loughlin, J. S. (Mill.), Reinforced Concrete Columns, with J. E. Lynch.

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MacBriar, W. N. (Loco.), Moisture in Train Pipes.

Macintire, H. J. (Mill.), Torsional and Tension Properties of Spring Steel.

McLean, R. W. (Mar.), Comparative Tests of Tube Cleaners for Water Tube Boilers.

Marcy, G. D. W. (Mill.), Tests of a DeLaval Steam Turbine, with A. G. Prescott.

Morse, R. W. (Mill.), Cp of Superheated Steam, with C. E. Gage.

Pease, L. M. (Loco.), Test of a Superheater, with C. E. Warren.

Pirie, F. A. (Mill.), Tests of a Wainwright Condenser, with J. A. Pitts.

Pitts, J. A. (Mill.), Tests of a Wainwright Condenser, with F. A. Pirie.

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Prescott, A. G. (Mill.), Tests of a DeLaval Steam Turbine, with G. D. W. Marcy.

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Smart, C. E. (Mill.), The Flow of Elastic Fluids through a DeLaval Nozzle, with H. J. Stevenson.

Stevenson, H. J. (Mill.), The Flow of Elastic Fluids through a DeLaval Nozzle, with C. E. Smart.

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## AT THE THEATRES.

Attractions for the Week.

### Hollis St. Theatre.

This is the last week of the engagement of Mrs. Patrick Campbell in this city and the tremendous success of "The Sorceress" continues unabated. In accordance with her fixed custom she will not appear on the evening of Good Friday and the house will be closed. A special matinee will be given on Wednesday afternoon, April 19, Patriot's Day. The next attraction at the Hollis Street Theatre will be "Little Johnny Jones," in which the principal character will be played by George M. Cohan, who is the author and composer of the popular musical comedy.

### Colonial Theatre.

"Humpty Dumpty" is a spectacle for young and old, fat and thin, gay and glum. It is one of the jolliest extravaganzas that Klaw and Erlanger have ever brought to Boston, and it is certainly staged in the most lavish fashion that they have ever employed. The transformation

scenes are wonderful for their beauty and elaborateness, and the great ballets, in which more than 400 persons take a part, have never had an equal upon the stage of the Colonial Theatre.

### Tremont Theatre.

The third and final week of the Nance O'Neil season at the Tremont Theatre will begin this evening. The repertoire for the week will be an attractive and varied one. On Monday and Tuesday evenings "Judith of Bethulia." At the Wednesday matinee, "Camille," and on Wednesday night, "Hedda Gabler." "The Fires of St. John" will be given on Thursday night and Saturday matinee. On Friday night "Magda." The bill on Saturday will embrace a scene from five different plays, thus affording Miss O'Neil the opportunity to say goodbye in five of her greatest characters.

### Majestic Theatre.

The debut as co-stars of Miss Clara Bloodgood and Edward J. Morgan under the management of

(Continued on page 5)

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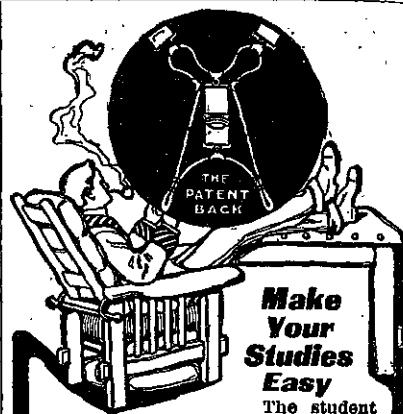
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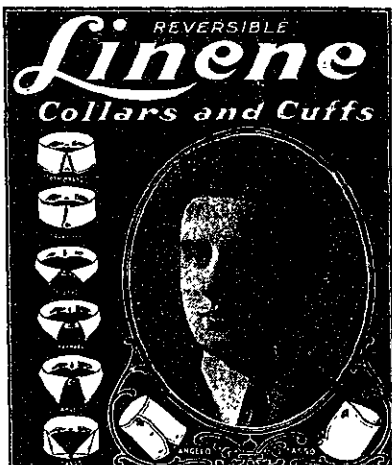
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are made with a patent adjustable back that moves with the rise and fall of the shoulders, relieving the strain at every point. The suspender best suited to the needs of every college man. Absolutely guaranteed. Price 50c and \$1.00 every store, everywhere, or mailed postpaid. **THE C. A. EDGARTON MFG. CO.,** Box 209 Shirley, Mass.



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Makes up-to-date students'  
clothes at very reasonable  
prices**Suits and Overcoats from \$35**

This is the best time of the ENTIRE YEAR, for you to have your FULL DRESS, Tuxedo, or Double-Breasted Frock Suit made. We make a Specialty of these garments and make Special Prices during the slack season. Then again, we have an extra large assortment at this time, and the Tailors always make their work better when not rushed with work and we are willing to figure a little closer to keep our help busy. Step in and let us show them to you. And oblige

Yours Respectfully,

**BURKE & CO.****Tailors**

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1246 Massachusetts Avenue, Cambridge

*That Totally Different  
Clothing for Men***SMITH & SMULLEN CO.****Tailors****And Ready to Wear Clothing**

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WALK FROM THE BACK BAY  
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FOR 1905 ARE READY

All the Newest Ideas for Men's Negligee and  
Summer Wear in**SHIRTS**Made from English, Scotch and French Fabrics.  
Private Designs.**BUSINESS AND DRESS SUITS**\$1.50, \$2.00, \$3.50, \$4.50, \$5.50 and  
UpwardAll made in our own workrooms. Consult us to  
know the Linen, the Cravat and Gloves to Wear.**GLOVES**Fownes' Heavy Street Gloves, hand  
Stitched, \$1.50. Better ones, \$2.00,  
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COPLEY SQUARE.

(Continued from page 4.)

Liebler & Co., will take place at the  
Majestic Theatre on tonight when  
Mrs. Bloodgood will be seen as  
Helen Sherwood and Mr. Morgan as  
John Harkless, in Booth Tarkington's  
play, "The Gentleman from  
Indiana." Mrs. Bloodgood is a  
great favorite not only in theatricals  
but also in the most exclusive society  
circles of New York and Boston.  
Mr. Morgan has established himself  
as a great favorite here with his per-  
formances of John Strom in "The  
Christian" and David Rossi in "The  
Eternal City."

**Globe Theatre.**

George Sidney will be seen at the  
Globe this week in "Busy Izzy." This  
offering was one of the solid  
successes of our theatrical season  
last year, and it is promised that the  
present offering will surprise the  
many friends made by the organiza-  
tion in this city. George Sidney  
more than made good the confident

Established 1874

**DURGIN, PARK & CO.****Market Dining Rooms**30 North Market & 31 Clinton Streets  
BOSTON

OPEN FROM 5 A.M. TO 7 P.M.

predictions of his friends, and much  
is expected of "Busy Izzy" in its  
new dress.

**Empire Theatre.**

Edna Wallace Hopper, the dainty  
and diminutive comedienne, will  
appear at the Empire Theatre for  
one week only, beginning tonight.  
It was only after persistent effort  
and exceptional pecuniary persua-  
sion that the Empire Theatre man-  
agement was able to secure Edna  
Wallace Hopper for a vaudeville  
performance, her very first in Bos-  
ton, by the way. Now that the en-  
gagement has been substantiated, it  
is safe to anticipate a rousing wel-  
come for this popular and clever  
actress.

**MR. TOWNE IN NEW YORK.**

Mr. Towne will be in New York,  
Monday, Tuesday and Wednesday  
of this week, to attend the National  
Convention of the American Phy-  
sical Education Society.

**COES AND YOUNG**

20 SCHOOL STREET, BOSTON

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NOW READY****BOYLSTON****CATERING  
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RESTAURANT and FANCY BAKERY,  
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Table d'Hote or a la Carte Dinners  
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SPECIALISTS in SHIRTS to order,  
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Underwear, Tailor-made Suits, Rain Coats,  
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Makers of Keep's Shirts

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PATRONAGE of "Tech" students  
solicited in our Cafe and Lunch Room

The attention of Secretaries and  
Banquet Committees of Dining  
Clubs, Societies, Lodges, etc., is  
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Dinners and will cater especially to  
this trade.

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I am now ready to show all the  
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domestic fabrics in suitings, over-  
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your inspection. None but experi-  
enced help employed.

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We make a specialty of Mail Order Business and give special attention to all prescriptions by mail.

Boston is like a wheel. The spokes all lead to the Hub, and nearly every street brings you to the congested centre which is so near our store. Washington and Tremont Street here draw close together, and the population thickens to the square yard. If you are in the

State House, Parker's, Tremont Temple, Court House, Young's, Kings Chapel, City Hall, Tremont Bldg., Park St. Church, Subway, Tunnel, Park, Beacon, Court or School Streets,

or on your way to either the NORTH or SOUTH UNION STATION, you are very near to the most complete stock of Drugs and Pharmaceutical Supplies in Boston. A drug store for over half a century. The best place in the city to have Prescriptions accurately prepared from fresh, pure drugs of standard quality.

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The garments made from this fabric are of the finest yarns and their hygienic value is unsurpassed. They always retain their original shape even after the hardest wear. From first to last they maintain that same elegant, silky feel and easy comfortable and natural fit. They are made in two-piece and union suits, and in various sizes, weights and colors.

Be sure to ask your retail dealer for the genuine Cooper Spring-Needle Underwear. If he doesn't keep it refuse to purchase until you have seen our booklet "T" and samples of the Spring-Needle fabric. They are yours on request.



This trade mark is on every garment. Look for and insist upon it, or you will get one of the "other kinds" that is not "just as good."

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IRVINGTON and ST. BOTOLPH STREETS.

American and European Plans.

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21 Meal Ticket \$5.00.

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\$3.25 for \$3. | \$5.50 for \$5.

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**294 WASHINGTON ST., BOSTON****BASEBALL GAMES.**WEEK BEGINNING APRIL 16.  
1906.Monday, 3 P.M. 1908 at Tech Field.  
Wednesday, 3 P.M. Boston Y. M.  
C. U. at Tech Field.

1907.

Monday, 3 P.M. Volkman at Columbus Ave. grounds.

Wednesday, 10 A.M. Watertown High at Watertown.

Saturday, 3 P.M. Waltham High at Waltham.

1908.

Monday, 3 P.M. 1906 at Tech Field.  
Wednesday, 10 A.M. Winchester High at Winchester.

Saturday, 3 P.M. Lowell Textile at Lowell.

The 1906 baseball team meets the 1908 team at Tech Field this afternoon at 3.30 P.M. The game will be an important one, as it is to be a championship game. The admission will be fifteen cents.

**SPRING HATS****The Sphinx**Is the BEST and LOWEST in Price  
ALL STYLES \$2.00

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One Block from Washington St.

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We have been catering to Tech trade for many years and ask a share of your patronage.

Suits from \$30 Trousers from \$7

**The Walk-Over Shoe**

**Spring Styles**

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We are showing a large variety of College Shapes

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The date of the Yale-Harvard boat race this year is June 29. It will be rowed in the morning, on account of the tide.

**READING NOTICE.**

WANTED—Tech student having some idea of business, and a good working capacity, for a position which will fit in with college duties. The remuneration will be ample for the right man. A. N. Collins, 31 Newbury Street.

**Theatre Attractions**CASTLE SQ.—"Ticket-of-Leave Man."  
COLONIAL.—"Humpty Dumpty." Spectacular.GLOBE.—"Busy Izzy."  
HOLLIS.—Mrs. Patrick Campbell in "The Sorceress."MAJESTIC.—"The Gentleman from Indiana."  
PARK.—"Strongheart."  
TREMONT.—Miss Nance O'Neil in Repertoire.**HERRICK TICKETS**  
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**CUSHION BUTTON CLASP**

Lies flat to the leg—never slips. Tears nor Unfastens

**SOLO EVERYWHERE.**

Sample pair, Silk 50c.  
Cotton 25c. Mailed on receipt of price.  
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